Cost Savings of CFL vs. Incandescents

Incandescent	Compact Fluorescent
Retail Price Per Bulb (Source: CA Energy Commission)	
$.50	$3.00
Lamp Life Hours (Source: CA Energy Commission)	
1,000	10,000
Energy Consumed in Watts	
75 watts	20 watts
Energy Consumed over 10,000 hours (The life of one CFL)	
750 kWh	250 kWh
Energy Cost over the Life of one CFL (based on electricity rate of $.105 per kWh)	
750*$0.105 = $78.75	250*$0.105 = $23.25
Total Cost Saving (costs per bulb + energy savings)	
($.50*10) + (750*$0.105) = $83.75	($3.00*1) + (250*$0.105) = $26.25
Total Savings= $83.75 - $26.25 = $57.50	

*** All data according to the CEC***

Ultra efficient light bulbs use 75% less electricity than an incandescent.

Statewide Data
2% of all energy produced in the state is used to run incandescent light bulbs.
Replacing all incandescent light bulbs statewide would save 1.82 million metric tons (MMT) of CO2 per year.

1.82 MMT of CO2 is equivalent to (per the NRDC):
- The emission from almost 4 million cars (395,280)

Using one CFL can eliminate the need to burn 110 pounds of coal to generate electricity.

There are 74 million general service incandescent light bulbs sold in CA every year.

In Home Statistic
15-20% of all home electricity costs are used for lighting.